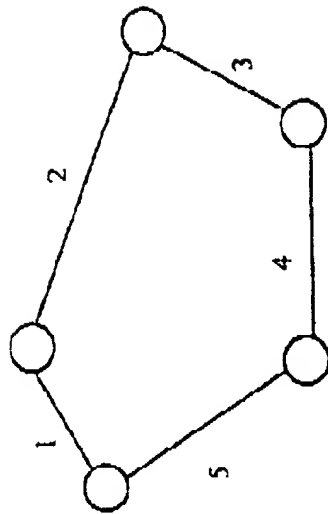


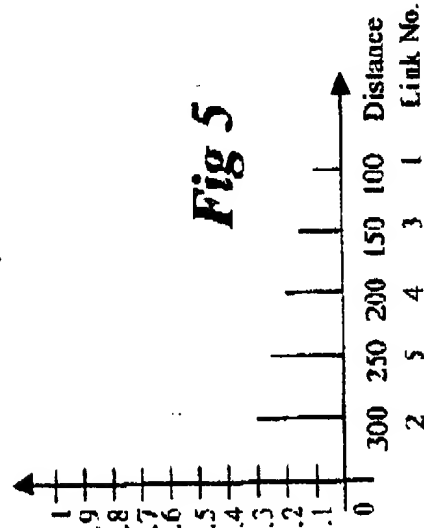
Fig 3

SECRET



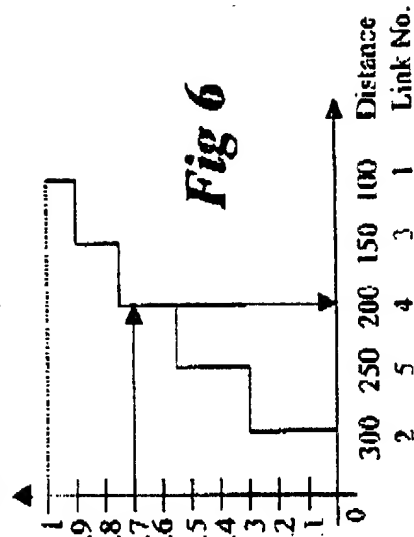
**Fig 4**

Link Selection Probability Density

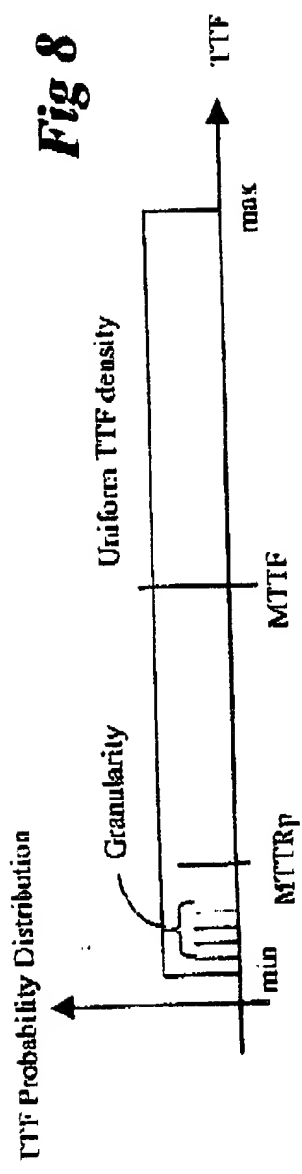
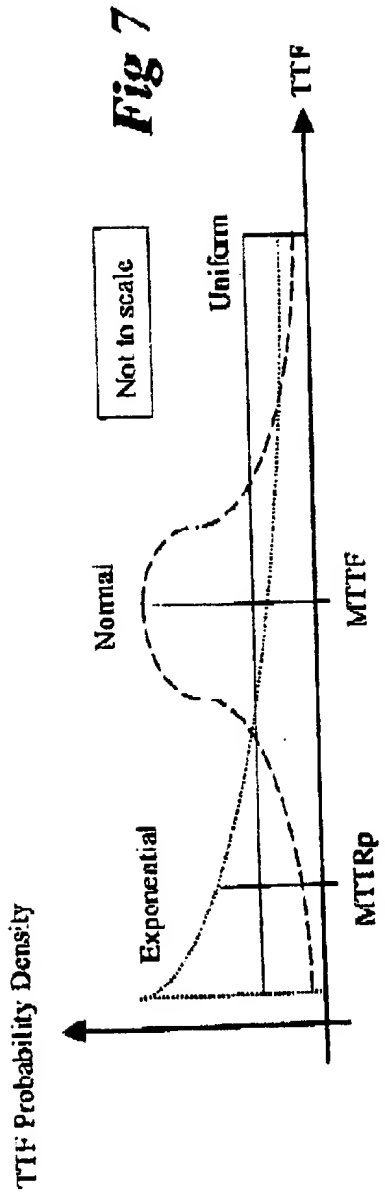


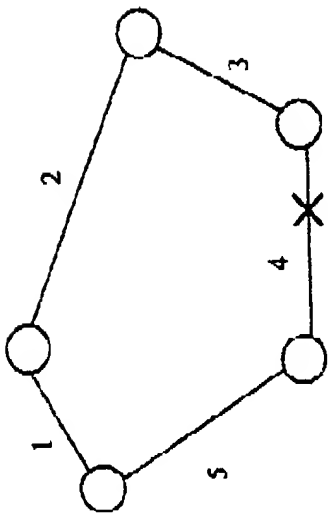
**Fig 5**

Link Selection Probability Distribution

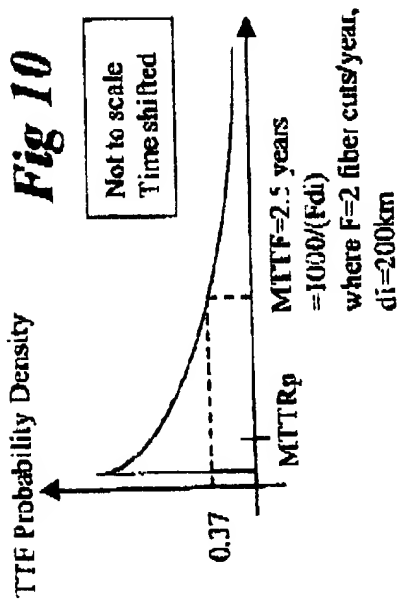


**Fig 6**

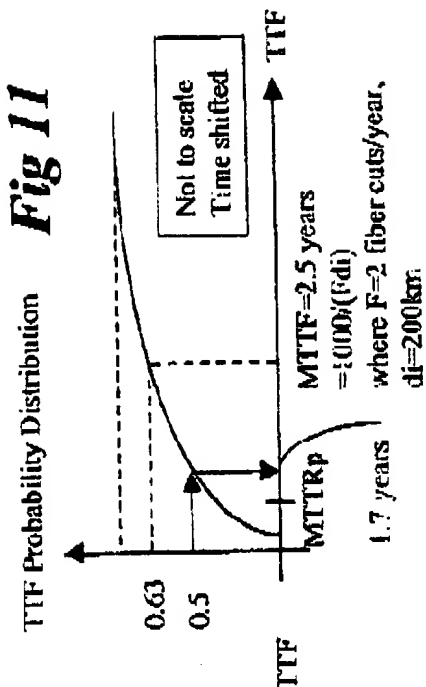




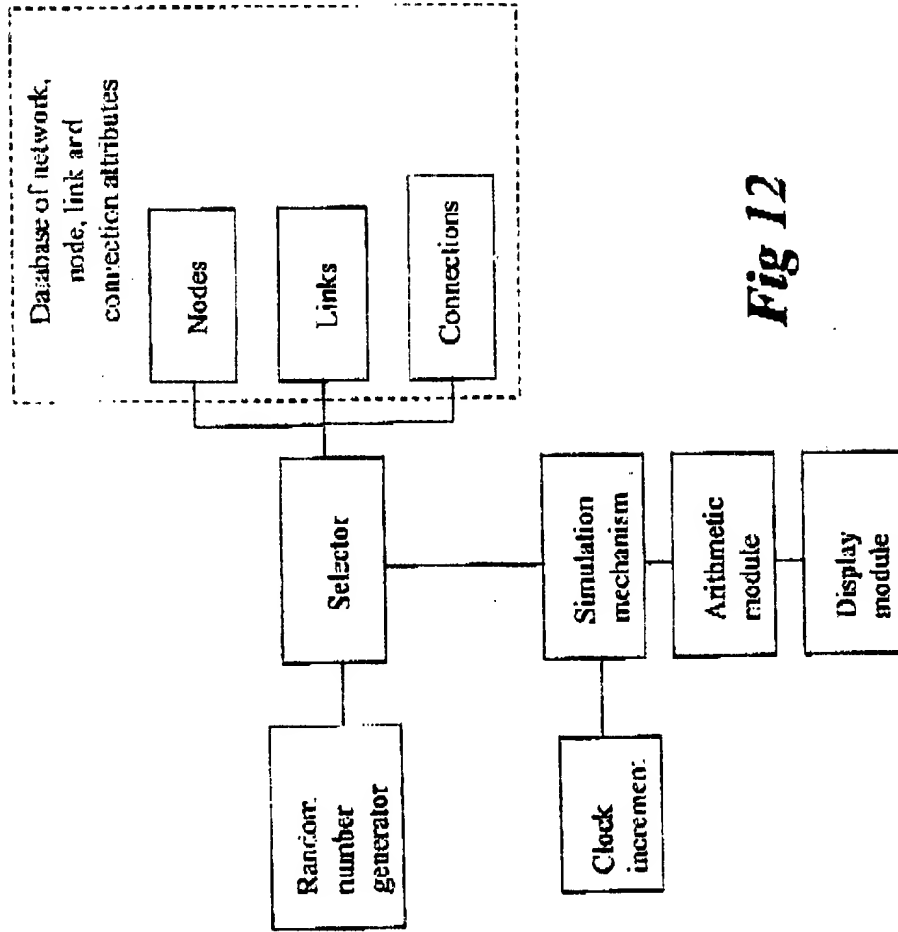
**Fig 9**



**Fig 10**



**Fig 11**



**Fig 12**

**Network Attributes - total:**

- nodes (N)
- links (L)
- connections (C)
- link distance (TD)

**Per Node Attributes:**

(when included in availability simulation)

- no. connecting links
- which connecting links (i)
- selection criteria for failure
- failure data (FTTs, MTTF, TTF selection criteria & distribution)
- recovery data, if applicable (mechanism, TTRc)
- repair data (MTTRp, TTRp selection criteria & distribution)

**Per Link Attributes:**

- which connecting nodes
- distance (dit)
- selection criteria for failure
- failure data (F, MTTF, TTF selection criteria & distribution)
- recovery data, if applicable (mechanism, TTRc)
- repair data (MTTRp, TTRp selection criteria & distribution)

**Per Connection Attributes:**

- which source (A) & sink (Z) nodes
- no intermediate nodes
- which intermediate nodes
- which links in connection (j)
- total distance (CD)
- recovery data, if applicable (mechanism, TTRc)

